

FORM PTO-1390 (Modified) U.S. PATENT AND TRADEMARK OFFICE U.S. DEPARTMENT OF COMMERCE (REV. 12-2004)		ATTORNEY'S CHECK NUMBER 112857-447
<b>TRANSMITTAL LETTER TO THE UNITED STATES</b> <b>DESIGNATED/ELECTED OFFICE (DO/EO/US)</b> <b>CONCERNING A SUBMISSION UNDER 35 U.S.C. 371</b>		U.S. APPLICATION NO. (If known, see 37 CFR 1.5) <b>10/533604</b> Unknown
INTERNATIONAL APPLICATION NO. <b>PCT/JP2003?014574</b>	INTERNATIONAL FILING DATE <b>November 17, 2003</b>	PRIORITY DATE CLAIMED <b>November 18, 2002</b>
TITLE OF INVENTION <b>PROTON CONDUCTOR, SINGLE ION CONDUCTOR, MANUFACTURING METHODS THEREOF, AND ELECTROCHEMICAL CAPACITOR</b>		
APPLICANT(S) FOR DO/EO/US <b>Hara et al.</b>		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
<ol style="list-style-type: none"> <li>1. <input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a submission under 35 U.S.C. 371.</li> <li>2. <input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a submission under 35 U.S.C. 371.</li> <li>3. <input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (24) indicated below.</li> <li>4. <input type="checkbox"/> The US has been elected (Article 31).</li> <li>5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371 (c)(2))           <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input checked="" type="checkbox"/> has been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).</li> </ol> </li> <li>6. <input checked="" type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).           <ol style="list-style-type: none"> <li>a. <input checked="" type="checkbox"/> is attached hereto.</li> <li>b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).</li> </ol> </li> <li>7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3))           <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input type="checkbox"/> have been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</li> <li>d. <input checked="" type="checkbox"/> have not been made and will not be made.</li> </ol> </li> <li>8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</li> <li>9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).</li> <li>10. <input type="checkbox"/> An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).</li> <li>11. <input type="checkbox"/> A copy of the International Preliminary Examination Report (PCT/IPEA/409).</li> <li>12. <input checked="" type="checkbox"/> A copy of the International Search Report (PCT/ISA/210).</li> </ol>		
<b>Items 13 to 23 below concern document(s) or information included:</b>		
<ol style="list-style-type: none"> <li>13. <input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</li> <li>14. <input checked="" type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</li> <li>15. <input checked="" type="checkbox"/> A <b>FIRST</b> preliminary amendment.</li> <li>16. <input type="checkbox"/> A <b>SECOND</b> or <b>SUBSEQUENT</b> preliminary amendment.</li> <li>17. <input type="checkbox"/> A substitute specification.</li> <li>18. <input type="checkbox"/> A power of attorney and/or change of address letter.</li> <li>19. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.</li> <li>20. <input type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154(d)(4).</li> <li>21. <input type="checkbox"/> A second copy of the English language translation of the International Application under 35 U.S.C. 154(d)(4).</li> <li>22. <input checked="" type="checkbox"/> Express Mail Label No. <b>EV512725439 US</b></li> <li>23. <input checked="" type="checkbox"/> Other items or information:</li> </ol>		
Return receipt postcard. Formal Drawings (8 sheets).		

Repln. Ref: 09/02/2005 PROOKER 0009200200  
 under 35 U.S.C. 154(d)(4) 10533604  
 FC: 9204 \$100.00 CR

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

U.S. APPLICATION NO. (if known, see 37 CFR 1.5) <b>10/533604</b>		INTERNATIONAL APPLICATION NO. <b>PCT/JP2003?014574</b>		ATTORNEY'S DOCKET NUMBER <b>112857-447</b>											
24. The following fees are submitted: <input checked="" type="checkbox"/> a) Basic national fee ..... \$300.00 <input checked="" type="checkbox"/> b) Examination fee ..... \$200.00 <input checked="" type="checkbox"/> c) Search fee ..... \$500.00  <b>TOTAL OF ABOVE CALCULATIONS = \$1000.00</b>				<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 50%;">Applicant use</th> <th style="width: 50%;">Office use</th> </tr> <tr> <td>\$ 300.00</td> <td></td> </tr> <tr> <td>\$ 200.00</td> <td></td> </tr> <tr> <td>\$ 500.00</td> <td></td> </tr> <tr> <td>\$ 1,000.00</td> <td></td> </tr> </table>		Applicant use	Office use	\$ 300.00		\$ 200.00		\$ 500.00		\$ 1,000.00	
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<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.															
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole)	RATE												
- 100 =	/50 =		x \$250.00												
Surcharge of \$130.00 for furnishing the oath or declaration later than months from the earliest claimed priority date (37 CFR 1.492(e)).				<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>\$ 0.00</td> <td></td> </tr> </table>		\$ 0.00									
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CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE												
Total claims	- 20 =	0	x \$50.00												
Independent claims	- 3 =	0	x \$200.00												
MULTIPLE DEPENDENT CLAIMS (if applicable) <input type="checkbox"/> + \$360.00				<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>\$ 0.00</td> <td></td> </tr> </table>		\$ 0.00									
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<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.				<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>\$ 0.00</td> <td></td> </tr> </table>		\$ 0.00									
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Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)).				<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>\$ 0.00</td> <td></td> </tr> </table>		\$ 0.00									
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<b>TOTAL NATIONAL FEE =</b>				<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>\$ 1,000.00</td> <td></td> </tr> </table>		\$ 1,000.00									
\$ 1,000.00															
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40 per property +				<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>\$ 0.00</td> <td></td> </tr> </table>		\$ 0.00									
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<b>TOTAL FEES ENCLOSED =</b>				<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>\$ 1,000.00</td> <td></td> </tr> </table>		\$ 1,000.00									
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Amount to be charged:				<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>\$</td> <td></td> </tr> </table>		\$									
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a. <input checked="" type="checkbox"/> A check in the amount of \$ <b>\$1,000.00</b> to cover the above fees is enclosed. b. <input type="checkbox"/> Please charge my Deposit Account No. _____ in the amount of _____ to cover the above fees. A duplicate copy of this sheet is c. <input checked="" type="checkbox"/> The Director is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <b>02-1818</b> . A duplicate copy of this sheet is enclosed. d. <input type="checkbox"/> Fees are to be charged to a credit card. <b>WARNING:</b> Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.															
<b>NOTE:</b> Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.															
SEND ALL CORRESPONDENCE TO: <b>Thomas C. Basso</b> <b>BELL, BOYD &amp; LLOYD LLC</b> <b>P.O. Box 1135</b> <b>Chicago, IL 60690-1135</b>															
SIGNATURE <b>Thomas C. Basso</b>				NAME <b>46,541</b>											
REGISTRATION NUMBER															

1533604

JC20 Rec'd PCT/PTO 29 APR 2005

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Hara et al.  
Intl. Appl. No.: PCT/JP2003/014574  
Intl. Filing Date: November 17, 2003  
Title: PROTON CONDUCTOR, SINGLE ION CONDUCTOR,  
MANUFACTURING METHODS THEREOF, AND  
ELECTROCHEMICAL CAPACITOR  
Docket No.: 112857-447

Mail Stop PCT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**CERTIFICATE OF MAILING BY EXPRESS MAIL UNDER 37 CFR 1.10**

Sir:

I hereby certify that the following documents relating to the above-identified application:

- |   |  |
|---|--|
| 1. Transmittal Letter (dup.);   | 6. Assignment;                             |
| 2. English Trans. of Int'l App. as filed (54 pgs.) including 8 sheets of Formal Drawings; | 7. Return Receipt Postcard (for Assign.);  |
| 3. Executed Dec. and POA (3 pgs.);  | 8. Check for \$40.00 (for Assign.);        |
| 4. Int'l Search Report (2 pgs.);  | 9. Preliminary Amendment (69 pgs.);        |
| 5. Recordation Form Cover Sheet (dup.);   | 10. Check in the amount of \$1,000.00; and |
|   | 11. Return receipt postcard.               |

are being deposited with the United States Postal Service with sufficient postage as  
Express Mail in an envelope addressed to:

Mail Stop PCT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

on April 29, 2005.

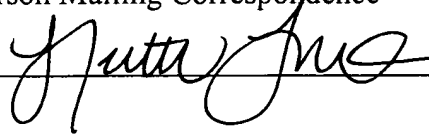
Respectfully submitted,

BELL, BOYD & LLOYD LLC

Heather Foster

Name of Person Mailing Correspondence

Signature



EV 512725439 US

Express Mail Mailing Label Number